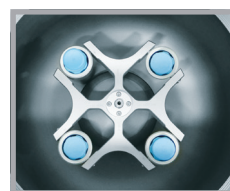
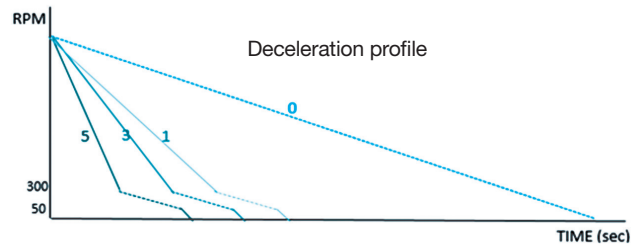


Clinical Centrifuge

Fleta 4

- Compact centrifuge designed for effective and efficient processing of clinical samples
- Accommodate up to 24 tubes for chemical analysis of urine, blood and biological samples
- Well noted for stable separation of blood with swing-out buckets for syringe type
- Two-step deceleration to maintain finely separated sample
- Rapid acceleration and deceleration
- Easy to read graphic LCD display
- Surface anodized aluminum chamber
- Easy to clean specially coated glossy surface
- Accommodate 50mL tube with both fixed angle rotor and swing-out rotor
- Available with a variety of tube adaptors



S85-4



S50-6












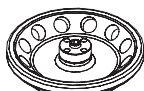


































Technical Specifications

		Fleta 4 / *Fleta 40P		Fleta 4 / *Fleta 40P
Speed RCF (xg)	Max. RPM / Fixed angle	4,000 rpm	Time control	< 100 min, pulse, continuous
	Max. RCF / Fixed angle	2,635 xg	Program memory	10
	Max. RPM / Swing-out	4,000 rpm	Noise level	< 60 dB
	Max. RCF / Swing-out	3,193 xg	Imbalance cutoff	Yes
Capacity	Max. capacity / Fixed angle	10 x 50 mL	Rotor identification	manual
	Max. capacity / Swing-out	6 x 50 mL, 12 x 15 mL conical, 4 x 85 mL	Dimension (W x D x H, mm)	448.5 x 531 x 286
ACC/DEC	ACC/DEC ramps	5/6 steps	Weight without rotor	25 kg
	Two step Deceleration	Yes	Power consumption	500 VA
	Acc. time to max. speed	35/110 sec	Power supply (V/Hz)	210~240 V, 50/60 Hz (110V optional)
	Dec. time from max. speed	38/110 sec	Cat. No.	FL-4

* Registered as medical device at MFDS¹⁾

¹⁾ MFDS : Ministry of Food and Drug Safety (KOREA)

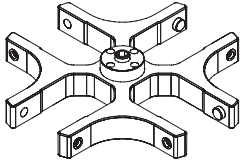
Fixed Angle Rotors for Fleta 4

Rotor		Tube Capacity bottom Type	Required Adaptor	Bore Ø x L (mm) Radius (mm)	Max. RPM (rpm) Max. RCF (xg)
AL15-24  Hole angle : 45° Max. Capacity : 24 x 15 mL Size (ø x H) : 197 x 59 Supplied with 24 sleeves	 TR15(24) Hole dimension (Ø x L,mm) : 18 x 94.5 Hole bottom type : Flat bottom with rubber pad Max. height for tube fit (mm) :134	 8~10 mL VT/ 15mL/ 15mL conical	-	18 x 94.5 147.3	4,000 2,635
		 14 mL Round	 TR14(15f)	16.5 x 7 135.8	4,000 2,429
		 5 mL Conical	 TR5c(15f)	14 x 20 114.8	4,000 2,054
		 4~7 mLVT Round	 TR5(15f)	13.5 x 85 142.3	4,000 2,545
		 2~4 mL VT Round	 TR3(15f)	13.5 x 61 130.3	4,000 2,331
AL15-12  Hole angle : 45° Max. Capacity : 12 x 15 mL Dim. ø x H : 164.6 x 42.8 mm	 TR15(12) Hole dimension (Ø x L,mm) : 18 x 94.5 Hole bottom type : Flat bottom with rubber pad Max. height for tube fit (mm) :134	 8~10 mL VT/ 15mL/ 15mL conical	-	18 x 94.5 133.9	4,000 2,395
		 14 mL Round	 TR14(15f)	16.5 x 7 122.4	4,000 2,189
		 5 mL Conical	 TR5c(15f)	14 x 20 101.5	4,000 1,816
		 4~7 mLVT Round	 TR5(15f)	13.5 x 85 129	4,000 2,308
		 2~4 mL VT Round	 TR3(15f)	13.5 x 61 117	4,000 2,093
AL50-10  Hole angle : 45° Max. Capacity : 10 x 50 mL Rotor dimension (Ø x L, mm) : 197 x 59 Supplied with 10 sleeves	 B50c-SS 50mL Sleeve B50-SS Hole dimension (Ø x L,mm) : 30.2 x 94 Hole bottom type : Flat bottom with rubber pad Max. height for tube fit (mm) :120	 50mL Round 50mL Skirt	-	30.2 x 94 143.5	4,000 2,567
		 50mL conical	 TR50c(50f)	29.5 x 17.5 143.5	4,000 2,567
		 30mL Round	 TR30(50f)	26 x 86.5 136	4,000 2,433
		 25mL conical	 TR25c(50f)	28.8 x 14.1 116	4,000 2,075
		 15mL conical	 TR15(50f)	17.2 x 87 142.9	4,000 2,556
		 14mL Round	 TR14(50f)	17.2 x 75 142.9	4,000 2,556
AL50C-10  Hole angle : 45° Max. Capacity : 10 x 50 mL Rotor dimension (Ø x L, mm) : 197 x 59 Supplied with 10 sleeves	 B50c-SS 50mL Sleeve B50c-SS Hole dimension (Ø x L,mm) : 30.2 x 99 Hole bottom type : Conical Max. height for tube fit (mm) :121	 50mL conical	-	30.2 x 99 142	4,000 2,540
		 50mL Round	 TR50(50c)	29 x 11 138.1	4,000 2,470
		 30mL Round	 TR30(50c)	26 x 83.8 137.5	4,000 2,460
		 25mL conical	 TR25c(50c)	28.8 x 14.1 117	4,000 2,093
		 15mL conical	 TR15c(50c)	17.2 x 105 141.6	4,000 2,533

* Radius : From the center of the rotor to the inner end of tube carrier.

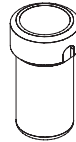
Swing-out Rotors for Fleta 4

S85-4



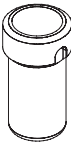













∠90°
Max. RPM : 4,000 rpm
Size (ø x H) : Ø230 x 36 mm

Bucket for S85-4



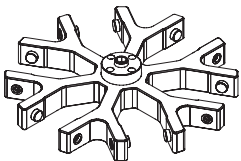
Bucket
B85

Buckets and Adaptors of S85-4

Bucket	Required Adaptor	Tube Capacity Bottom Type	Tube per Adaptor / Rotor	Bore (Ø x L, mm)	Max. height for tube fit (mm)	Max. RPM (rpm) Max. RCF (xg)
 Radius(mm): 178.5 Bucket bore (ø x L, mm) : 39 x 98 Max. height for tube fit (mm) : 149.2	-	 85 mL Round	1 / 4	39 x 98	148	4,000 3,193
		 50 mL Round	1 / 4	29.2 x 95	143.2	4,000 3,086
		 50 mL Conical	1 / 4	29.5 x 98	149.2	4,000 3,193
		 30 mL Round	1 / 4	26 x 85.4	144.2	4,000 3,086
		 25 mL conical	1 / 4	29.5 x 62.5	123.7	4,000 2,508
		 15 mL Round	1 / 4	17 x 94	143.2	4,000 3,086
		 15 mL Conical	1 / 4	17 x 98	149.2	4,000 3,193

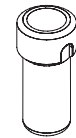
* Radius : From the center of the rotor to the inner end of tube carrier.

S50-6

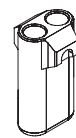


∠90°
Max. RPM : 4,000 rpm

Bucket for S50-6

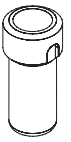








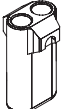



Bucket
B50



Bucket
B15c-2

Buckets and Adaptors of S50-6

Bucket	Required Adaptor	Tube Capacity Bottom Type	Tube per Adaptor / Rotor	Bore (Ø x L, mm)	Max. height for tube fit (mm)	Max. RPM (rpm) Max. RCF (xg)
 Radius : 172.8 mm Bucket bore (ø x L, mm) : 30.3 x 93.5 Max. height for tube fit (mm) : 142	-	 50 mL Round  50 mL Skirt	1 / 6	30 x 93.5	132	4,000 3,091
		 50 mL Conical	1 / 6	30 x 93.5	131	
		 25 mL Round	1 / 6	23 x 87	138	
		 15(16) mL Round	1 / 6	18 x 87	142	
 Radius : 165.8 mm		 15 mL Conical	2 / 12	17 x 86.5	138.7	4,000 2,966

* Radius : From the center of the rotor to the inner end of tube carrier.